



### **Save the Date: Football Training**

Register now for football training as sessions will take place Wednesday, August 20<sup>th</sup> at 8:30am, 10am, 2pm, 5pm, and 10pm. On Thursday, August 28, we'll offer sessions at 10:30am and 2pm. Email [fstraining@utk.edu](mailto:fstraining@utk.edu) to register for the day and time of your choosing.

### **Plan On Training - August 21**

Maria Martinez has scheduled a Planon training session for Facilities Services staff on Thursday, August 21<sup>st</sup> at 2pm in the FSC Computer Lab (120). During the training, she'll cover basics on how to look at building and room data, view floorplans in different ways, create filters and export reports in excel format. The training will be very informal. If you're interested in attending, please contact our training unit at: [FStraining@utk.edu](mailto:FStraining@utk.edu)

### **Microsoft Excel Virtual Office Hours with FS Training - 8/21**

Do you have an Excel problem? Maybe a spreadsheet that needs a little extra attention? Whether it's troubleshooting formulas, organizing data, or improving functionality, I'm here to help during virtual office hours! This is your chance to bring your own spreadsheet and get tailored advice in a relaxed, virtual setting. No matter the challenge, we'll work together to find solutions that make your work easier. Hop on Microsoft Teams between 9a to 9:30a and 2p to 2:30p on August 7<sup>th</sup> and/or 21<sup>st</sup>, and Hope will talk you through your spreadsheet woes.

### **KUB Natural Gas Training - August 26 - 28**

Facilities Services staff in M&R and Utilities are invited to attend a two-hour KUB Natural Gas Training session on the KUB Campus (Middlebrook Pike) on [choose one] August 22 from 9–11 a.m. or 12–2 p.m.

Each session will cover topics such as natural gas system meters, properties and hazards, emergency planning, and leak response. Space is limited. Please contact the Training team at [FStraining@utk.edu](mailto:FStraining@utk.edu) by Friday, August 22 to register.

### **APPA Supervisor's Toolkit Coming to UTFS – October 13–16**

The APPA Supervisor's Toolkit training is coming to UT Facilities Services October 13–16. This comprehensive course is designed to strengthen leadership skills and provide practical tools for supervisors working in facilities management. If you would like to recommend a supervisor to attend, please send their name(s) to [FStraining@utk.edu](mailto:FStraining@utk.edu). Space is limited, so be sure to submit your nominations soon!

### **Upcoming CPR Training Opportunities - October 22-23**

Save the date! Nations Best CPR will be at the Facilities Services Complex providing CPR certification/re-certification classes on October 22<sup>nd</sup> and 23<sup>rd</sup>. More information to come soon.



## BUILDING SERVICES

### Student Union:

- Carpet cleaning in 262 was completed to remove stains.
- The ballroom was vacuumed and the carpet cleaner was used to remove stains.
- Phase 1 the overlook glass was cleaned.
- The monumental stairs were cleaned including the side edges where noticeable spills were.
- Dusting the high ledges of the overlook glass in the dining areas.
- The auditorium was blown out.
- Horizontal ledges on G1 around the booths were completed.
- The window sills in the offices on L2 were dusted and wiped down.
- The elevators in both phases were cleaned.
- Debris around the cardboard collection area was cleaned up.
- We had multiple events throughout the building last week such as Fall Kickoff, FYE, SOCK, College Connect and Tennessee Saturday Night where our teams were busy with the events.

## MOVING & EVENT SERVICES

### Monday, July 7th:

- Moved A&A Administrative Suite from 2<sup>nd</sup> floor Art & Architecture Building to 2400 Sutherland Ave.

### Tuesday, July 8<sup>th</sup>:

- Moved Suite 228 Cherokee Mills into Suite 108 Cherokee Mills, and moved desks from 108 to 228.

### Wednesday, July 9<sup>th</sup>:

- Continued moving offices out of Suite 228 Cherokee Mills into Suite 108 Cherokee Mills.

- Moved items out of Conference Center Suite 231A, 231B, 231C, 231D into Suite 228A.
- Moved furniture out of Claxton Education Building 224 to Bailey 218 and Bailey 204.
- Picked up furniture from Conference Center Building and took to surplus.
- Picked up purchased surplus items and delivered them to Dabney Hall 789.

### Thursday, July 10<sup>th</sup>:

- Moved furniture between rooms 317, 414, 417, 419, 421, 422, 423, 426, 504, 505 Ferris Hall, and hauled unwanted items to surplus and trash.
- Delivered purchased surplus furniture to Perkins 110.
- Moved furniture and other items between rooms 109A, 118, 110C, 110A.
- Set up stage, tables, and chairs for Alumni Summer College Event at ANR Ballroom 101A/B.
- Moved a sit/stand desk from Perkins Hall 121 to Strong Hall 102.

### Friday, July 11<sup>th</sup>:

- Moved items from Walters Academic Building M407 to McClung Tower 104A for UT Theatre Department.
- Picked up stage from ANR 101.
- Delivered tables to Mossman Building.
- Delivered surplus items to Black Cultural Center.
- Moved furniture at Communications Building and Student Services Building.

## SUSTAINABILITY

- No report received



## LANDSCAPE SERVICES

Borrowing from the iconic words of Neil Armstrong, “Houston, the Eagle has landed.” We have arrived at the beginning of a new academic year. And while preparing for campus move-in and the first week of classes may not rival a moon landing, the effort behind it is nothing short of monumental. Welcoming our students back requires countless hours of planning, coordination, and dedication—each task a vital piece of the larger mission to ensure a smooth start to the academic year. Just like every team across Facilities, the Landscape Services crew dedicates significant time and effort to preparing our campus for the influx of new and returning students, faculty, and staff.

Last week our Grounds crews put the finishing touches on seasonal mulching, began a landscape renovation of the back of the Claxton Education Building that will include the upper section of Blueberry Falls and performed final cleanup around dorms for move-in. Also, keep an eye out for the newly upgraded hammock stands and Adirondack-style chairs popping up across campus—courtesy of our Design Team and hardworking crews. They're adding comfort and charm just in time for the new semester.

Arbor Ops wrapped up final pruning along Volunteer Boulevard to ensure roadway clearance, completed requested maintenance pruning at the IAMM building on Cherokee Farm, and cleared access for the construction entrance at the Panhellenic/Chemistry site. And in the “Never a dull moment” category, they also responded to a large cracked limb in our State Champion Sawtooth Oak on the Ag Campus—likely a casualty of recent storm activity.

Turf and Irrigation had their hands full with repairs at IAMM, Volunteer Blvd Phase 1 and the FSC while the mowing crews continued to focus on prepping campus for move-in. The TREC landscape renovation received sod and is almost complete.

Upcoming projects to look for:

- Completion of the renovation of the Native American Mound at the corner of Joe Johnson and E.J. Chapman
- Student Services/ Comm. landscape renovation
- Regional Stormwater Facility – landscape re-planting

## MAINTENANCE & REPAIR

### HOUSING

- Working on a lot of A/Cs after move in.

### ATHLETICS

- Neyland Stadium. General maintenance and Preparing for the big orange flush.
- Regal Soccer: General Maintenance and Doing a building check after the first home soccer game.
- Lindsey Nelson Stadium: General building Maintenance, and assistance with contractors
- Football Complex: Doing general building maintenance & checking all areas for recruits and visitors, Doing daily checks from football camp.
- Sherri Lee Softball: General Maintenance and Repairs and preparing for fall hitting camp.
- Allan Jones Aquatic: General Maintenance and Repair and assisting TA with catwalk lights.
- Goodfriend Tennis: General Maintenance and Repairs and changed ceiling tile and prepped for recruits.
- Thompson Boling Arena: General maintenance and repair, also preparing for Torch night.

Weekly continues on next page



## DINING

- Repaired POD cooler and soda machine drain at Rocky Top Dining
- Repaired hot boxes at the Student Union
- Replaced a make table and repaired a toaster at the Art + Architecture Einstein Bagels
- Repaired sinks at Hess Hall
- Repaired an oven at Anderson Training

## ZONE 4

- Art + Architecture - worked on a leak in 241
- Andy Holt - worked furniture in room 507
- Communications - worked on a light switch in 283 and an AC leak in 467
- Student Services - worked on a door in 209A and a ceiling leak in 209D
- McClung Tower - worked on AC leak in 1113 and a urinal on the 9<sup>th</sup> floor
- General maintenance throughout the zone

## ZONE 5

- Student Aquatics - making repairs, cleaning pool, cleaning machine rooms, replacing ceiling tiles throughout the building, and cleaning the Ice Maker
- Assisting customers on multiple on-demand work requests at HPER
- Hodges Library - replacing a motor in AHU -P1 for the second time in 2 months, making repairs in restrooms and to lighting
- We also replaced the motor in AHU #2, at Massey Hall we conducted a thorough walk through getting it ready for occupancy.
- DASH & Compliance Training
- On-demand work requests

## ZONE 7

- Dougherty: Insulated pipes on ahu in room 210, Flushed several ac units,
- Ferris Hall: repairing fan coil units, working on wallpack lights around the exterior of the building, repaired a broken toilet on the 3rd floor.
- Perkins Hall: replaced 2 broken window units.
- Min Kao: Replaced all lights in room 307, Replaced two lights in 613
- SERF: diagnosed leaks, repaired doors and door handles, replaced light bulbs, adjusted door closers
- Nursing: changed the motor in AHU-10
- Zeanah: replaced exhaust fan belts in the penthouse, unclogged a urinal on the ground floor
- Tickle: installing led retro-fit kits for the lighting fixtures throughout the building.
- Alumni: Repair handicap toilet 1st floor men's restroom G-018, Change water filters 2nd floor drinking fountains, event set up, replace duct work to box leading to the next room at Walters, over see work being done through out the Zone
- Walters Academic: Repair outlets in basement, change ceiling tile in the basement, rebuild exhaust fans on the roof.
- Physics: repaired all the seating in the auditorium, built scaffolding to replace 2 light fixtures, and several stained ceiling tiles in the auditorium.
- Dabney/Buehler: working on the bathrooms throughout both buildings, working on the auditoriums and lecture halls
- Ayres: fixing leaks and working on the bathrooms
- South College: replacing or repairing bathroom fixtures throughout the building.
- Hesler: Change belts and greases ex. Fans on Hesler greenhouse.
- Replace exits signs in Hesler.

Weekly continues on next page



### ZONE 8

- We participated in the Big Orange Flush to test the plumbing at Neyland Stadium.
- We unstopped several chill water coils and continue to have issues with our chill water loop.
- We are welcoming 3 new members to our One-Call team after filling vacancy's that occurred over the past few months.
- Fall 2025 classes have officially started and campus is completely abuzz with activity. Our One-Call team took a large volume of calls over the past 2 weekends as students moved in and got used to their surroundings.

- Nursing – installed several cores in rooms.
- Tickle – repaired door lock 314.
- Communications – repaired door lock on outside doors.
- Zeanah – changed several room codes.
- South College – repaired door lock on 301.
- Student Union – rekeyed all locks on entire suite 376.
- Student Aquatic – set up new core for a padlock.
- Bass building – keyed the new addition and processed their key requests.
- Front office has been extremely busy processing key request, processing requests for fraternity and Sorority keys. Also, assisting customer with special requests.
- Beacon east, Beacon west and Poplar Hall – installing cores to get ready for move in week.

### M&R SPECIALTIES

- No report received

### LOCK & KEY SERVICES

- Music – rekeyed room G008.
- Music – repaired lock on room 13.
- Student Health – room 260 repaired lock.
- Communications – rekeyed room 268.
- HPER – rekeyed room 142 and 143.
- Music- electric strike not releasing on external door.
- Laurel – added key to keybox for room 1401.
- Hess – Many recores have been done.
- Phi Gamma Delta – installed 73K lock on room 17.
- Cherokee mills – rekeyed 4 rooms.
- Poplar Hall – key stuck in lock.
- Clement Hall – recored rooms.
- Student Union – lock change on room 372.
- Vol Hall – lock changes on maintenance area doors.
- Jessie Harris – installed file cabinet lock.
- Sigma Chi – Installed new kitchen doorknob
- Communications – rekeyed room 451L.
- Continuing working on keying up all the new housing buildings; Poplar, Beacon East and West.

### COMM & INFO

#### COMM & PR

- Send any photos of your work team that you'd like to see featured on FS social media directly to Sam at sjones80@utk.edu or 865-771-1531!

#### TRAINING

- Log into K@TE to complete your OSHA training as soon as possible for 2025. Compliance Training goes live August 12.
- Training Calendar is available online! Visit <https://fs.utk.edu/comminfo/training/> to view upcoming training dates, times and information throughout the year. Check back often!

Weekly continues on next page



## FS IT

- Upgrade Windows 10 computer to Windows 11
- Conference Room Support
- Newly Hired Staff setup and Fine Tuning
- Printer Support
- Network Troubleshooting
- Signshop Training Assistance

## UTILITIES SERVICES

### A/C SERVICES

- Allan Jones- replace condenser fan motors in Daikin chiller
- Alumni – replaced heat exchanger
- Mossman – Performed maintenance on cooling system for VSD on chiller no.1
- East Sky box – installed brass plugs in tube bundle to restore heat
- Rocky Top – Cleaned condenser coils on both Trane chillers
- Anderson – installing new Seresco Dehumidifier
- Mossman Repairing York process chiller
- Neyland – performing preseason check of AC systems
- East Sky Box – repaired multiple leaks on heating water system
- Aux. Services – Repair Daikin chiller
- Hesler – rebuild heating water pump
- JARTU – rebuild heating water pump
- Music – brush evaporator tubes in Daikin chiller

## A/C M&R

- Installed valves at Walters Academic
- Repaired air handler at McCord hall
- Installed ductwork at NEB
- Robinson- Repaired air handler in attic
- Fred Brown- repaired multiple units
- Fred Brown- cleared blockage in HP loop
- Sigma Chi- fixed stat in kitchen unit
- Sigma Chi replaced contactor and transformer
- Phi Kappa Alpha- Found dead compressor
- Stokley Hall- Found 2 failed ECM motors
- Third Creek- cleaned condenser coils and reset unit on roof
- Magnolia- Repaired units in attic
- Dogwood- Flushed coils in 208 units
- OIT Vault- reset compressor, cleaned condenser
- Volleyball- confirmed operations of all units
- Dougherty- Replaced transformer
- Mables- Changed filters
- Steam shop- Installed 3 new minisplits
- Hopecote- Replaced transformer
- Fred Brown- Repaired multiple heat pumps
- Hesler biology- Repaired cooling tower
- McClung Tower- Cleared drain lines
- Claxton- Found leak in VAVs
- Sorority Center- Repaired leak in water lines
- Alpha Delta Pi- Repaired multiple units
- Student Union-Found multiple units not communicating
- Golf- Found Building with no air flow
- Kingston Pike- Found bad pump motor on chiller
- Kingston Pike- Installed economizer on RTU
- Jessie Harris- Found bad compressor in minisplit
- Environmental Landscape- Found dirty filters
- Arena- Repaired leak in chilled water coil



## HIGH VOLTAGE UTILITIES

- Marking & logging Tennessee 811's on campus.

## LOW VOLTAGE M&R

- Reconnected generator at Hess Hall
- Troubleshooting and repairing receptacles at Neyland Stadium Concessions
- Reworked decorative lighting at the International House
- Restore power to the sump pump at Fraternity House
- Restored power to pole light receptacle at Volunteer Blvd and Fraternity Park
- Investigating tripping breaker serving an elevator at the UT Conference Center
- Repaired defective lighting circuit at Neyland Stadium
- Attended new building training at Carousel Theatre
- Installed RGB colored light poles on Campus
- Repaired receptacles at ANRB
- Demo of the X-ray equipment power at JARTU
- Troubleshooting defective pole light at SERF
- Sorority Center Disable for AC shop
- Reese Hall Clean Dirty smoke detector
- Dougherty Monthly fire pump with Morristown
- Min Kao Monthly fire pump with Morristown
- Strong Monthly fire pump with Morristown
- Rocky Top Dining Replace AV on roof
- Sorority village office Disable for AC shop
- McCord Replace smoke detector and base
- Neilsen Physics Disable for contractor
- 1816 Frat Dirty smoke
- Ayres Hall Dirty duct detector in attic
- Alumni Hall Disable for elevator contractor
- Neyland stadium Assist JCI with yearly inspections
- Student Health Annual sprinkler inspection with Morristown
- Mossman Monthly fire pump with Morristown
- Hodges Annual sprinkler inspection with Morristown
- Clement Annual sprinkler inspection with Morristown
- Fred Brown Annual sprinkler inspection with Morristown
- Alumni Gym Assist JCI with repairs
- CBT Replace wet smoke detector and base
- Alpha Omicron Pi Assist JCI trouble shooting fire panel
- SERF Assist JCI with repairs
- East Skybox Annual sprinkler inspection with Morristown
- Rocky top dining Assist JCI with repairs
- Student Health Replace wet smoke detector and base
- Alpha Delta Pi Clean dirty smoke detector

## FIRE ALARM GROUP

- Monthly electrical meter reading
- Campus Circuit 2 and 9 outages
- Conference center Proven Solutions in Maintenance and repair training
- Facilities Compliance training
- TBA Disable for contractors
- West skybox Disable for contractor
- Tickle Disable for AC shop
- McClung Museum Disable for contractor

Weekly continues on next page



### FIRE ALARM GROUP (CONT.)

- CBT Battery change trouble
- Delta Zeta Trouble shoot short circuit
- Fab Lab Clean dirty smoke detector
- Tri Delta Clean dirty smoke detector
- CRC Trouble shoot circuit trouble
- Troubleshoot and repair damaged occupancy sensors in east skyboxes
- Update lighting blueprints for IIAMS
- Update lighting control blueprints for Burchfiel
- Troubleshoot lighting at Mossman
- Review new Chemistry electrical and lighting prints
- Register new lighting control system at Founders' suits on Neyland's network.
- New Carousel Theatre owner training
- Connect meter at Engineering Annex to campus network.
- Set Creamery lights to Orange and White for Sorority move-in

### PLUMBING UTILITIES

- Marking and logging 811's on campus and performing utilities GIS documentation
- Pumped steam vaults on Campus
- Repair steam leak at Food Safety
- Repair steam leak at South Stadium
- Turn steam condensate off to Tickle, Zeanah, and Stadium for contractors to tie in steam line for project

### PLUMBING M&R

- Replaced broken drain in the concrete floor at 2515 Fraternity Park
- Repaired copper leak in the wall at Jessie Harris and SERF
- Repaired 12" PVC line in the pool at Alan Jones Aquatic
- Unstopped the dishwasher drain at Southern Kitchen
- Unstopped the drain on the 8<sup>th</sup> floor women's restroom at McClung Tower
- Installing new valves at Walters Academic
- Repaired the condensate drain at Auxiliary Services
- Repaired the condensate pump in the machine room at Buehler Hall
- Repaired the condensate pump at Hodges Library

### STEAM PLANT

- Check Fluids on all forklifts
- Walk around steam plant and fuel oil tanks checking for leaks
- Clean shop area and boiler room floors
- Repair leak on dealkalizer.
- Continue to isolate #1 boiler for removal
- Installed chemical injection pump to polishers.
- Regeneration of Polishers
- Recirculate Fuel oil tanks



## IN-HOUSE CONSTRUCTION

- Agriculture and Natural Resource Building: Display cabinet 219
- Art and Architecture: Demo, new sink 241C: Cabinet, demo, painting 321; Wall demo 425
- Austin Peay: Paint, carpet, furniture on 2, 3
- Auxiliary Services: Renovate 103
- Bailey Education: Paint, carpet, etc. A401A ; Multiple room carpet/paint/shades
- Burchfiel Geography: Paint 207, 208
- Business Incubator: Panic buttons 201, 216
- Campus: Support for dining operations; Sidewalk repair; 2025 classroom renovations; TCE lab renovations in various buildings
- Cherokee Mills: Move new folks in- Shared Services, Ed Research
- Claxton Education: Paint, flooring, other renovations on 1<sup>st</sup> floor; Cubicle changes 338 and 344
- Communications: Renovate 001-017, 250/251, 294/295, 333 and 420; HVAC for WUOT 299I; Soundproof doors WUOT; Paint 107V; New clocks for corridors; Paint, carpet, cubicles 457
- Dabney Buehler: Lab renovation 209-214; Sink and cabinets 671; Nitrogen piping
- Delta Tau Delta; Tuckpointing and brick repair
- Dougherty Engineering: New sink 301; Paint and carpet 312; Hang a plaque outside 602
- ELC: Gate to playground ramp
- ETREC Johnson Animal: Replace 2 blue phones; Construct dog park; Repair kennel floor
- Ferris Hall: Renovate rooms on 2, 3 ,4 ,5 for TCE
- Fred Brown: Paint walls, stairways, etc.
- HPER: Various renovations for Capital Project; Refinish tennis courts
- Haslam Business Building: Renovate 418 Anderson Center; Renovate 320; Install backbox, electric and mount for monitor 334; Digital signs in corridors
- Haslam Music: renovate 312 and 313
- Hesler Biology: Renovate 606, 608, 609; Install emergency electric for greenhouses
- Hess Hall: Work in Dippers
- Hodges Library: Renovate 171 for Census Bureau
- Innovation South: Electric connections for equipment
- Jessie Harris: Minor renovations suite 115; paint, etc. 329
- Law Complex: Offices, conference rooms 212; Exterior signage, stone engraving
- McClung Tower: Paint and carpet 707, 1121, 1101B, 5031101A, 1102, 1116B and C, 1008
- McCord Hall: Floors in hallways; Renovate G055, 111 and 112
- Min Kao Engineering; Paint, monitor power 423
- Morgan Hall: Panic buttons 101; Paint 204, etc.
- Mossman Building: Renovate labs 343 E & F, 351 E & F; Labware washer 620F; Casework 541; Install humidity system
- Nielsen Physics: Renovate 407
- NEB: Move new folks in-CGE, Honors, Undergraduate Research
- Perkins Hall: Floors in hallways
- Plant Biotech: Controls for growth chamber B015
- Reese Hall: Work for compactor
- Rocky Top: Dining renovations
- Senter Hall: Electric for equipment 101
- SERF: Renovations for 103, 106, 108, 213; lab renovations 520 and 536; lab renovations 434, 438, 439: Lab renovations for cluster hires; Paint and carpet 101A & Q



## CONSTRUCTION (CONT.)

- Sorority Village: Install turnstile
- Stokely Hall: Paint interior of building
- Stokely Management Building: Ramp in G4; Renovate restrooms on 7; New electric circuit 423A
- Strong Hall: Lab work 726A1
- Student Aquatic Center: Safety handles around pool pump motor pit; Electric for pool systems; Grout pool tile
- Student Health: Panic buttons 121A, B, C
- Student Union: Dining renovations
- Tickle Engineering: Renovations for robotics lab A100; Build 3 offices in 502
- Vet Med Center: Add a blue phone; Renovate lab A335
- Vol Hall: Dining renovations
- Walters Academic: Renovate A203 for storage
- Zeanah Engineering: Card reader\ Add access controls for 8 rooms; Lab renovations for cluster hires; Rad exhaust and moving hoods 1 and 2; Electric and exhaust for freezers; High pressure air 110
- Zeta Tau Alpha: Carpet Directors suite



### Do Fall Protection Harnesses Have a Defined Expiration Date?

Published January 20, 2020, Updated April 29, 2025

Source: <https://blog.msasafety.com/>

#### Learn about the factors that impact the lifespan of a fall harness and a five-step procedure for inspection.

One of the most frequently asked questions when it comes to fall protection PPE is “Do fall harnesses have a defined expiration date?” While in years past, the typical recommendation would have been a five-year lifespan, that is not always the case.



So, is there a fall protection harness expiration date, beyond which they’re deemed unusable?

The answer is both yes ... and no. Here’s why.

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#### The Potential Problem With a Mandated Expiration Date

Having a mandated expiration date for a fall protection harness may seem like a good thing at first glance. However, a definite expiration date could impact things like wearer complacency; for example, the user might skip inspecting for defects each time the harness is used, as long as it is within the anticipated lifespan. And a false sense of security may cause the recommended annual competent-person inspection to be put off or even skipped.



### Things That Affect a Fall Protection Harness's Useful Lifespan

Any harness subjected to a fall arrest must be taken out of service immediately. Do not use the harness after the impact event. It must be labeled as unusable and removed from service until destroyed.

In addition, as with any PPE (personal protective equipment), a full-body fall protection harness must be cared for and used properly. Some of the things that may affect lifespan adversely are:

- Snagging on protruding objects might cause tears to the harness's fabric or stitching. This can cause a weak spot that could fail during a fall arrest.
- Coating or saturation of paints and other chemicals can weaken the synthetic materials used in the webbing construction. Remove these contaminants as soon as possible, following the manufacturer's guidelines to avoid further deterioration.
- Excessive exposure to UV rays or sunlight may cause deterioration or weakening of synthetic fibers. When the harness is not in use, store it away from sunlight.
- Exposure to caustics and acids may deteriorate the metal components, such as the D-ring and buckles. Clean these items as soon as possible using approved methods.
- Improper storage methods can damage the harness. The harness should be stored in a hanging position so that the webbing can "relax." Hang the harness by the D-ring, not the webbing.
- Any harness subjected to a fall arrest must be taken out of service immediately. Do not use the harness after the impact event. It must be labeled as unusable and removed from service until destroyed.

### The Only Way to Determine a Harness's Usability is Through Routine Inspection

Checking the harness carefully for damage is the only reliable way to determine its condition. This includes a pre-use check by the user before donning the equipment, and periodic inspections by a qualified, competent inspector.

A competent inspector will be trained in proper inspection procedures and should document each harness's inspection with a log sheet. An inspector should not be the person wearing that particular harness. The log sheet used should match the exact harness. The closer look an inspector gives the equipment ensures the harness is inspected properly.

ANSI recommends that formal inspections should be done at intervals of no more than six months. If a harness has not been formally inspected within that six-month period, MSA recommends that it be taken out of service and tagged unusable until a formal inspection is completed, including documentation.

Inspect all webbing and stitching



Check for cuts, fraying, pulled or broken threads, abrasions, excessive wear, altered or missing straps, burns, UV damage, and heat and chemical exposures. Starting at one end of a webbing length, grasp the webbing with hands eight inches apart and flex the fabric. This can expose any defects not seen with the webbing in a straight alignment.

Inspect all metal or plastic components of the harness

All harness buckles should work freely, engaging and disengaging fully and smoothly. Make sure each type of buckle, including any quick-connect buckle, is functioning properly. Look for deformation, crack, corrosion, deep pitting or burrs, sharp edges, nicks or cuts, exposure to excessive heat or chemicals, and any other damage. Missing, loose or improperly working parts should be noted. This should include both metal and plastic components.

Inspect all load indicators

Load indicators are sections of the harness webbing that are folded over and stitched securely. Ripped stitching, even if only partially separated, is an indicator that the harness has been subjected to a fall and is no longer providing adequate protection. Remove the harness from service immediately. Mark it as unusable and remove from service until destroyed.

Inspect all labels

To fully pass inspection, labels must be present and readable. Make sure the unique identifier for the harness is legible so that it can be marked properly on the log sheet.

Complete all inspection documentation

A formal inspection is not done until the paper work is filled out. Create a log sheet, covering all the check points for the harness. Complete, fully itemized [inspection checklists](#) are available for all MSA V-SERIES® harnesses. These checklists have a place to enter condition codes and overall assessment scores, and room for the inspector to make comments. Keep in mind that an assessment doesn't work on a sliding scale. The component, no matter what it is, gets a Pass or Fail rating. There is no in-between.